

**PATENT APPLICATION**

**FOOD KIT FOR COMPONENTS OF CHILLED AND FROZEN  
DESSERTS**

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## **FOOD KIT FOR COMPONENTS OF CHILLED AND FROZEN DESSERTS**

### **CROSS-REFERENCES TO RELATED APPLICATIONS**

- 5   **[0001]**   This application is a non-provisional application and claims the benefit of Application No. 60/399,857, filed 07/31/2002, entitled "FOOD KIT FOR COMPONENTS OF CHILLED AND FROZEN DESSERTS", (Attorney Docket No. 020903-014700US) which disclosure is incorporated herein by reference for all purposes.

10                   **STATEMENT AS TO RIGHTS TO INVENTIONS MADE UNDER  
FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT**

**[0002]**   NOT APPLICABLE

15                   **REFERENCE TO A "SEQUENCE LISTING," A TABLE, OR A COMPUTER  
PROGRAM LISTING APPENDIX SUBMITTED ON A COMPACT DISK.**

**[0003]**   NOT APPLICABLE

### **BACKGROUND OF THE INVENTION**

20    1. Field of the Invention

**[0004]**   The present invention pertains to the field of food kits, and more particularly, to the field of food kits for the components of chilled and frozen desserts.

2. Description of the Prior Art

- 25   **[0005]**   Food kits are commonly used to hold the ingredients of meat sandwiches as well as cheese and cracker snacks. They have also been used to contain the ingredients of pizzas. Still other kits have been designed to hold the components of a breakfast cereal including the milk. Kits for dessert items such as ice cream are less common and for the most part, only provide a limited number of companion ingredients and ways to assemble and eat them. For

example, one kit contains ice cream, but the only associated components are solid, particulate fragments of other food stuffs such as nuts. Further, this kit only provides for the consumption of the ice cream and particulates using a spoon, essentially just a sundae kit. The consumer in this regard is greatly limited in the variety of dessert components and the  
5 manners in which they may be assembled and eaten.

[0006] With these and other drawbacks in mind, the present invention was developed. With the present invention, a food kit is provided having a plurality of components for a ready-to-make, chilled or frozen dessert. The kit includes compartments for dessert ingredients such as, for example, ice cream, yogurt and pudding, cookies and wafers, and  
10 toppings such as fudge, syrup, and bits of candy and dough. With the kit of the present invention, a wide variety of dessert combinations may be assembled and eaten by the consumer in any number of ways beyond simply using a spoon.

#### BRIEF SUMMARY OF THE INVENTION

15 [0007] The present invention provides a food kit for the components or ingredients of a chilled or frozen dessert. The kit preferably includes a plurality of compartments for the ingredients. In the preferred embodiments, one of the compartments is filled with a first or primary dessert component such as, for example, ice cream, yogurt or pudding. The second compartment is filled with a secondary dessert component such as cookies or wafers and the  
20 third with a topping component such as fudge, syrup, or bits of candy. In use, the consumer may create a dessert with any number of combinations of the ingredients. For example, the consumer may manually dip one of the cookies into the ice cream to scoop out a desired amount and then dip the ensemble into the fudge topping. The ensemble may then be eaten as is or a second cookie easily added to make an ice cream sandwich. A spoon is also  
25 conveniently provided with the kit for the consumer to use if desired to create still other combinations of the dessert components.

[0008] Two embodiments of the ready-to-make dessert kit are provided. In the first embodiment, the compartment for the ice cream or yogurt has scalloped or curved sides that substantially match the curved shape and size of the cookie or wafer. In this manner, the  
30 cookie or wafer may be used to scoop out virtually all of the ice cream from its compartment. The cookies in the first embodiment are stacked in their compartment with the spoon positioned atop them. Side or ear portions are then provided in the cookie compartment that

receive the ends of the spoon to help hold it in place. Additionally, the ear portions slope downwardly and inwardly to provide opposing spaces into which the consumer may insert his or her fingers to easily grip and remove the individual cookies. In the second embodiment of the kit, the shapes of the compartments are somewhat simplified and the cookie compartment  
5 has a slanted side to hold the cookies in a shingled manner for easy pickup by the consumer.

[0009] Other features and advantages of the present invention will be apparent in view of the following detailed description of preferred exemplary embodiments.

#### BRIEF DESCRIPTION OF THE DRAWINGS

10 [0010] Figure 1 is a perspective view of a first embodiment of the food kit of the present invention.

[0011] Figure 2 is a top plan view of the food kit of Figure 1 filled with the components for a chilled or frozen dessert.

15 [0012] Figure 3 is view similar to Figure 2 showing details of the compartments for the ingredients of the dessert before they are filled.

[0013] Figures 4-6 sequentially show one manner in which a cookie in the food kit of Figure 1 may be used to scoop out a desired amount of the ice cream from its compartment.

20 [0014] Figures 7-10 illustrate additional details of the manner in which the cookies of the food kit of Figure 1 may be used to scoop out virtually all of the ice cream from its compartment.

[0015] Figures 11-12 show a further manner in which the cookies of the food kit of Figure 1 may be used to laterally swipe across the sidewalls of the ice cream compartment.

[0016] Figure 13 is a bottom view of the food kit of Figure 1.

25 [0017] Figures 14-16 illustrate the manner in which the cookie compartment is shaped to hold a stack of cookies in its central, cylinder portion. Figure 14 further shows how the side or ear portions of the cookie compartment may be used to firmly hold the ends of a spoon positioned atop the cookie stack. Figures 15-16 additionally illustrate the downwardly and inwardly sloping surfaces of the opposing ear portions, which surfaces provide spaces for the consumer to insert his or her fingers to easily grip and remove a cookie from the stack.

[0018] Figure 17 is a perspective view of a second embodiment of the food kit of the present invention.

[0019] Figure 18 is a top plan view thereof.

[0020] Figure 19 is a cross-section view taken along line 19-19 of Figure 18 showing the cookies positioned in a shingled manner for easy pickup by the consumer.

[0021] Figure 20 is view similar to Figure 18 showing details of the compartments for the ingredients of the dessert before they are filled.

[0022] Figure 21 is a bottom view of the food kit of Figure 17.

## 10 DETAILED DESCRIPTION OF THE INVENTION

[0023] As best seen in Figures 1-3, the food kit 1 of the present invention preferably has three compartments 3, 5, and 7 for the ingredients or components of a chilled or frozen dessert. The compartments 3, 5, and 7 may hold various dessert components and in the illustrated ones of Figures 1 and 2, compartment 3 is shown filled with ice cream 9, compartment 5 filled with a fudge topping 11, and compartment 7 filled with cookies 13 and an overlying spoon 15. Those skilled in the art will understand that other foods or toppings may be used as desired.

[0024] Compartment 3 for the ice cream 9 preferably has scalloped or similarly shaped sidewalls 17, 17', 19, and 19' that substantially match the shape of the perimeter of the cookies 13. For the rounded cookies 13 illustrated in Figures 1-2, the sidewalls 17, 17', 19, and 19' of the ice cream compartment 9 are substantially spherical sections. In this manner and as illustrated in Figures 4-12, the cookies 13 may be used to easily and effectively scoop virtually all of the ice cream 9 from the ice cream compartment 3.

[0025] More specifically as best seen in Figures 4-6, the round cookie 13 may be manually gripped by the consumer 2 and sequentially moved to scoop out a desired amount 9' of ice cream 9. In doing so, the consumer 2 may initially align the perimeter 13' of the cookie 13 with the substantially mating, upper edge 21 of the sidewall 17 (see Figures 4 and 7). The cookie 13 may then be run down into the ice cream 9 (see Figures 5 and 8) and once the desired amount 9' of ice cream 9 has been scooped out as in Figure 6, the cookie 13 and scooped ice cream 9' may be dipped into the fudge topping 11 in compartment 5 (see Figure 2). The assembled dessert could be eaten as is or a second cookie 13 placed over it to make

an ice cream sandwich. In subsequent passes, a cookie 13 may be run along the substantially mating surface 23 (see Figure 9) of the sidewall 17 all the way down to the bottom 25 of the sidewall 17 to scoop out virtually all of the remaining ice cream 9 in the compartment.

[0026] As indicated above, the consumer 2 may assemble and eat the ingredients 9, 11, 13 of the dessert in any desired order or combination. For example, he or she could dip the

cookie 13 into the fudge or other topping 11 and then scoop out the ice cream 9. Alternatively, the topping 11 could be first spooned over the ice cream 9 in the compartment 3 before scooping the cookie 13. The spoon 15 could also be used at any stage to dip out the fudge topping 11 or ice cream 9.

[0027] The general matching of the shapes of the sidewalls 17, 17', 19, and 19' of the ice cream compartment 3 to the shape of the cookie 13 discussed above results in a very easy and efficient use of the food kit 1. In the illustrated embodiment of Figures 4-8, the cookie 13 has a round perimeter 13' (see Figure 7) and the sidewall 17 of the compartment 3 is a matching, substantially spherical section. The radii of the cookie 13 and sidewall 17 may actually be the same but the radius of the cookie 13 is preferably slightly less as best seen in Figure 7. Nevertheless, the cookie 13 may be positioned as in Figure 10 slightly off to the side to contact any portion of the edge 21 and sidewall 17 to remove any ice cream 9 not scooped on the prior passes. Further, the shapes and sizes of the cookie 13 and sidewall 17 as indicated above substantially match and mate. This is preferably the case both about the top edge or rim 21 of the sidewall 17 (see Figure 7) as well as down the sidewall surface 23 to the bottom 25 thereof (see Figure 9). Consequently and in addition to the downward scooping action of Figures 4-9, the consumer may also swipe the cookie 13 laterally or horizontally across the sidewall 17 (see Figures 11-12). As in Figure 10, the cookie 13 in Figure 11 may be positioned anywhere along the sidewall 17 to reach all of the ice cream 9 therein.

[0028] It is noted that the opposing sidewalls 17 and 17' are preferably mirror images of one another and may be slightly different in size from the opposing sidewalls 19 and 19' (see Figures 2-3). As illustrated, sidewalls 19 and 19' are slightly larger than sidewalls 17 and 17' yet the cookie 13 may still be used to scoop out virtually all of the ice cream 9 adjacent sidewalls 19 and 19' in the same manner as Figures 7-12.

[0029] One advantage of the clover pattern (i.e., pairs of opposing sidewalls 17-17' and 19-19' in Figure 2) is that it allows the consumer to scoop the ice cream 9 in any number of directions depending upon his or her preference. That is, the consumer may scoop the cookie

13 always down the sidewalls 17, 17', 19, and 19' toward the center of the ice cream compartment 3 if desired. He or she could also make passes completely across the ice cream compartment 3 in the same direction (e.g., from right-to-left down sidewall 19 in Figure 2 and with the same or different cookie 13 up the opposing sidewall 19'). The consumer could also scoop in the opposite directions if preferred or toward/away from himself or herself (e.g., 17 to 17' or 17' to 17 in Figure 2). The ice cream compartment 3 in this regard is illustrated with four, curved sidewalls 17, 17', 19, and 19' but could have more or fewer. The curved sidewalls are also shown in orthogonal relationship to each other (e.g., the spherical section of sidewall 17 faces that of sidewall 17' and is perpendicular to the facing directions of the spherical sections 19 and 19'). However, the sidewalls could be oriented in any number of ways to each other. Figure 13 is a bottom view of the food kit 1 further illustrating the overall shapes of the compartments 3, 5, and 9. It is noted that the cookies 13 have been shown for illustrative purposes as having a round, circular perimeter but they could be virtually any shape (e.g., elongated with rounded ends or rectangular). In this regard, it is preferred that the shape of the sidewalls 17, 17', 19, and 19' then substantially match at least a portion of the perimeter of the cookie (e.g., the rounded ends or sides of the rectangle) so that essentially all of the ice cream may be scooped out of the ice cream compartment.

**[0030]** Figures 14-16 illustrate an advantage of the shape of the cookie compartment 7 in which side or ear portions 25 are provided with downwardly sloping surfaces 25' (see Figures 15-16). When the central, cylindrical portion 27 of the compartment 7 is filled with cookies 13, the ear portions 25 conveniently receive and firmly hold the ends 15' of the spoon 15 in place atop the stack of cookies 13 (see Figure 14). This not only creates a neat appearance but also with the film cover 29 sealed across the kit 1 to hold the spoon 15 in place, movement of the cookies 13 is kept to a minimum helping to limit breakage and rattling of the cookies 13. In use with the film 29 and spoon 15 removed, the downwardly and inwardly sloping surfaces 25' of the ear portions 25 (see Figure 16) provide convenient spaces to permit the consumer 2 to easily place his or her fingers on each side of a cookie 13 to grip and remove the cookie 13. It is noted that the film 29 is initially tightly sealed not only about the perimeter of the kit 1 but also between the compartments 3, 5, and 7 thereof.

**[0031]** The kit 1 of Figures 1-16 preferably has a full return of the sides 31 (see Figure 1) for increased stability (i.e., the kit 1 will support itself on a flat surface much like a water bowl). Further, indents or spacers 33 are preferably provided in the sides 31 so the empty

kits 1 may be stacked or nested on one another and then easily separated for filling without binding or sticking to each other.

[0032] In Figures 17-22, a second embodiment 1' of the food kit is illustrated. As shown, the compartments 3', 5', and 7' for the ice cream 9, topping 11, and cookies 13/spoon 15 have shapes that may be easily formed during manufacture. The topping 11 is illustrated as being bits or chips of chocolate but could be other candies, dough, or similar pieces. The topping 11 could also be fudge, syrup, or the like as in kit 1 and the cookies 13 could be wafers, crackers, or similar items if desired. The cookie compartment 7' of food kit 1' as best seen in Figures 17-19 is preferable provided with a ramp or slanted side 41 (see Figure 19) to hold the cookies 13 in a shingled manner for easy pickup by the consumer. Figures 20 and 21 are top and bottom views of the food kit 1' further illustrating the shapes of the compartments 3', 5', and 9'.

[0033] Both embodiments 1 and 1' of the dessert kit of the present invention are designed to be chilled or frozen (e.g., chilled around 32°F or frozen to -10°F or -20°F) depending upon the particular components (e.g., ice cream or yogurt) of the dessert. In all cases, the present invention offers a ready-to-make dessert kit whose components may be easily and quickly assembled by the consumer in any number of manners and combinations to fit his or her wishes.

[0034] The foregoing descriptions of specific embodiments of the present invention have been presented for purposes of illustration and description. They are not intended to be exhaustive or to limit the invention to the precise forms disclosed, and obviously many modifications and variations are possible in light of the above teaching. The embodiments were chosen and described in order to best explain the principles of the invention and its practical application, to thereby enable others skilled in the art to best utilize the invention and various embodiments with various modifications as are suited to the particular use contemplated. It is intended that the scope of the invention be defined by the Claims appended hereto and their equivalents.